

## ABSTRACT

A bow-reduced precipitator collector plate assembly and an appertaining method include a precipitator collector plate that contacts a spring-like stiffening element configured to be attached to a fixed anchor or an adjacent anchoring collector plate. The stiffening element is configured to apply a force in a direction normal to a primary plane, which is generally co-linear but opposite in direction of a direction of bowing, of the precipitator collecting plate.